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REMARKS

CLAIM REJECTIONS – 35 USC 112

The Examiner rejected claims 1-2, 5-10, 12, 18, 20-22, 27-31 and 35-36 under 112 as being indefinite. Applicant amended the claims accordingly.

As to claims 5-6, physical variables relate to the physical characteristics of t vehicle, such as height, direction, weight and other variables disclosed in the last pa the specification.

As to claim 8, the database interface module simply obtains records from the The situation analyzer analyzes a situation concerning the combat, not necessari situation. Operational parameters relate to the operation of the aircraft vel information-marshalling module clause has been removed from the claim. A respc reaction of the system to the assessment. One exemplary response is "turn right 22 Potential situation is may be predicted by the system according to the comb performance database and the current situation.

As to claim 9, the post-combat debriefing module clause has been rem selected response is selected by the response selector module of claim 8. The instruct the operating crew as to how to react to situations or potential situations during the co term "air combat formula" has been removed.

As to claim 10, the term "diverse devices" was removed. Network communication network allowing data flow between the at least one computer a information sources.

As to claim 12, the term "outgoing information" refers to data transmitted fi least one computer and the term "ingoing information" refers to data transmitted to t one computer. The term "peripheral devices" may relate to the operation of the aircra or to the operation of the at least one computer.

As to claim 18, there are many unmanned aerial vehicle (UAV) in which vehicle is operated by a person from a remote location. The crew is not required to be

As to claims 20-22, antecedent basis rejection has been overcome.

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As to claim 27, the term "aircraft characteristics information" refers to inform characterizes the aircraft, for example type, model, maximal speed, current directio like, which is required to analyze the next step the operating crew should execute. "weapon system characteristics information" refers to information related to the weap of the aerial vehicle. For example, the range, number of aerial units, speed and the information is required to instruct the operating crew during a close-in combat be aircraft vehicles. The term "previously analyzed situations" refers to situations analyzed before the situation currently analyzed by a computer. Such analysis may b a memory connected to said computer. An "optimal state" is the best situation for vehicle to be at during close-in combat. For example, 2 kilometers behind the ener vehicle at a specific height difference.

As to claim 30, the terms were explained in respect to claim 27. The term "i combat" has been removed from the claims.

As to claim 36, the term "ammunition data" refers to the number of ammun that can be fired towards the other enemy aircraft vehicle, their range, speed, possib and the like.

CLAIM REJECTIONS – 35 USC 103

The Examiner rejected claims 1-7 10-11, 13-14, 16, 18-22 and 33-36 under 103(a) as being unpatentable over Ben-Yair et al (US Patent no. 5,587,904) i Cronkhite et al (US Patent no. 5,308,022). Ben-Yair discloses a system for moni avionic status of the aircraft and other aircrafts. Ben-Yair provides for a system th and stores the locations of various aircrafts, uses GPS, and stores flying conditions. also provides an operator of the aircraft with indications of the weapons performance.

Cronkhite discloses a system for improving communication with an air displaying data provided from the aircraft. The processing provided by Cronkhite packaging data, analyzing the data for precise display of the data received from th Cronkheit discloses solutions for phase delay, data storage and the like. Cronkh discloses a system for improving the display of signal received from the aircraft,

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aircraft movement, two different versions of display and the like. Cronkheit does specifically to close-in air combat, or to any other kind of air combat. Further, Cron not disclose analysis of the data received from the aircraft in order to guide the oper. of the aircraft, as disclosed in claim 1. Additionally, Cronkheit does not disclose pr assessment related to the data provided from the aircraft, not to mention provision o according to such assessment.

The combination of Ben-Yair and Cronkhite does not provide for a real time a system of an air combat maneuvering between two aircraft vehicles. Further, nc references cited by the Examiner provide assessment of the aircraft's situation, speci during an air combat. None of the references disclose at least two of the limitations independent claims – 1. An assessment application that provides real-time a concerning a situation between at least two aircraft vehicles having an air c Communicating guidance to the operating crew of the aircraft vehicle during an air c a result, combination of the references does not disclose all the limitations of the in claims.

In view of the above, the Examiner is requested to allow the set of claims.